

4.2.G. 0603000307.

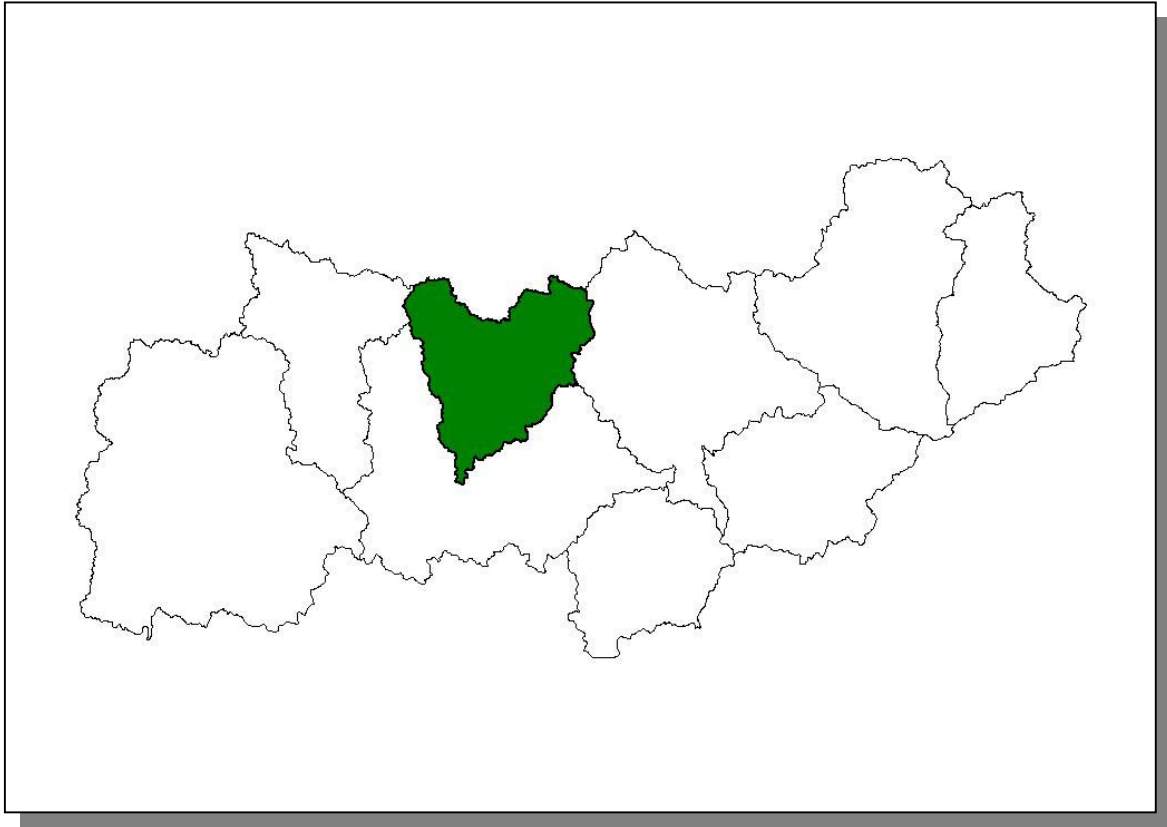


Figure 4-70. Location of Subwatershed 0603000307. All Upper Elk HUC-10 subwatershed boundaries are shown for reference.

4.2.G.i. General Description.

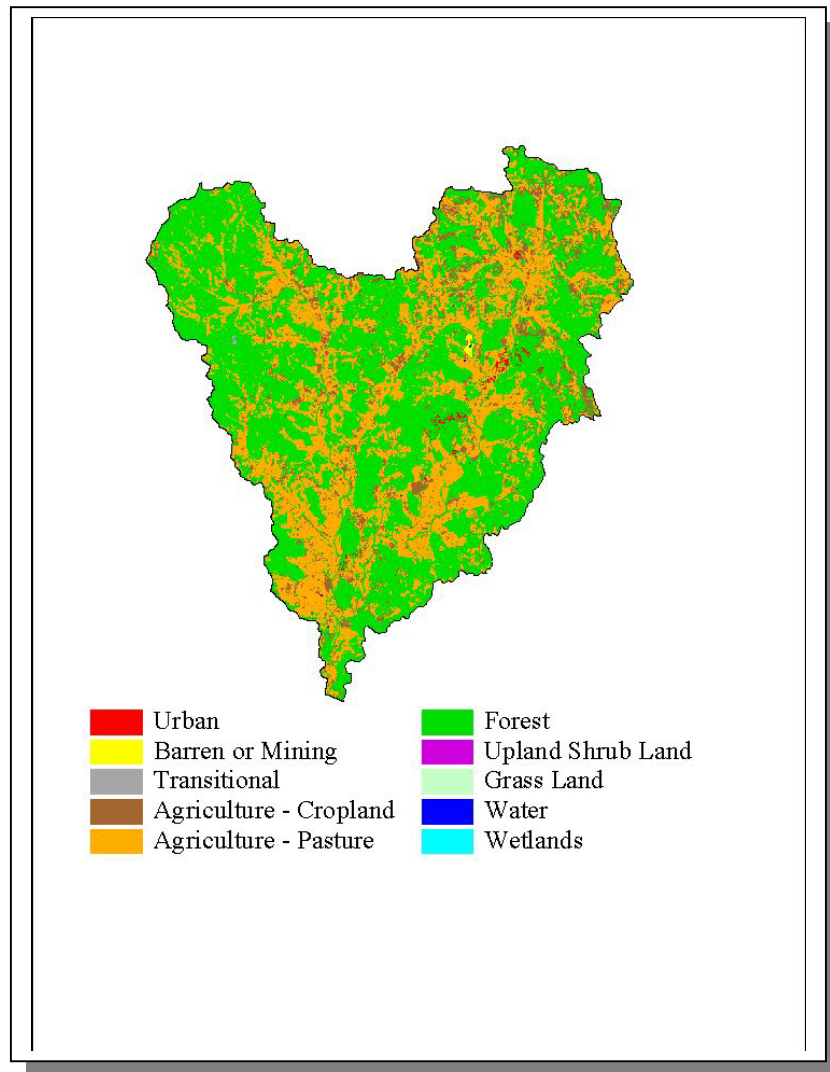


Figure 4-71. Illustration of Land Use Distribution in Subwatershed 0603000307.

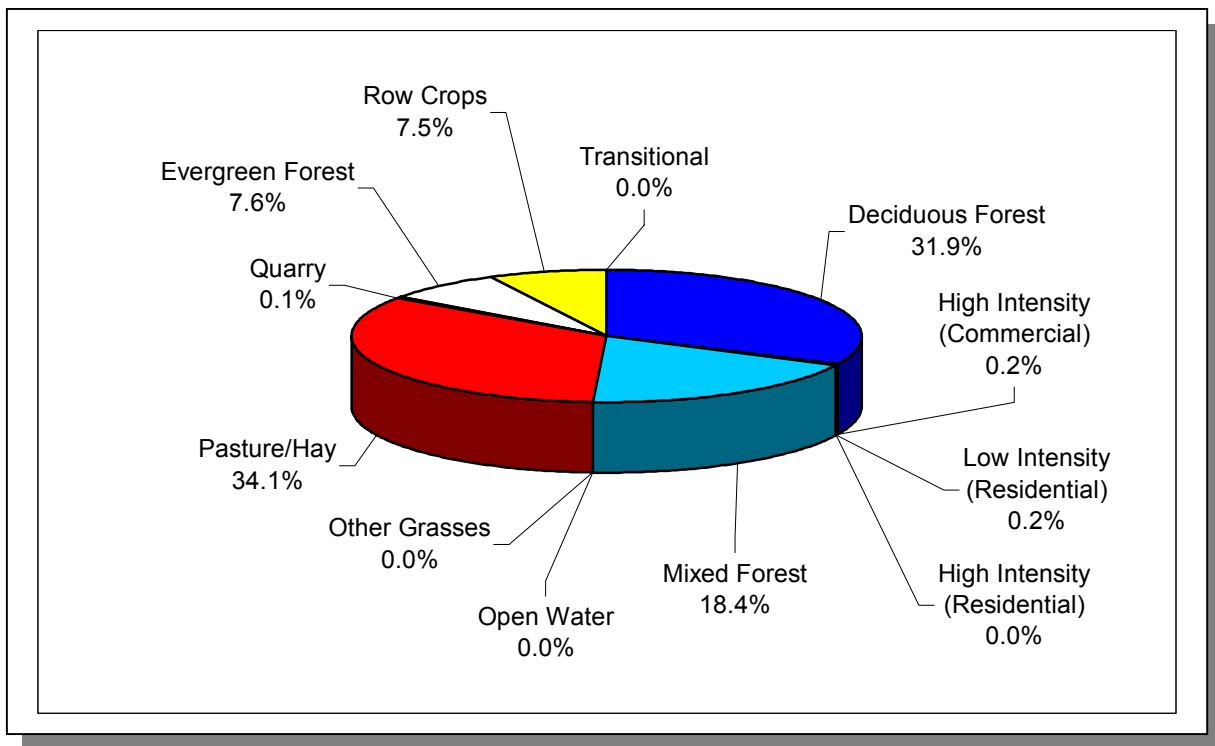


Figure 4-72. Land Use Distribution in Subwatershed 0603000307. More information is provided in Upper Elk-Appendix IV.

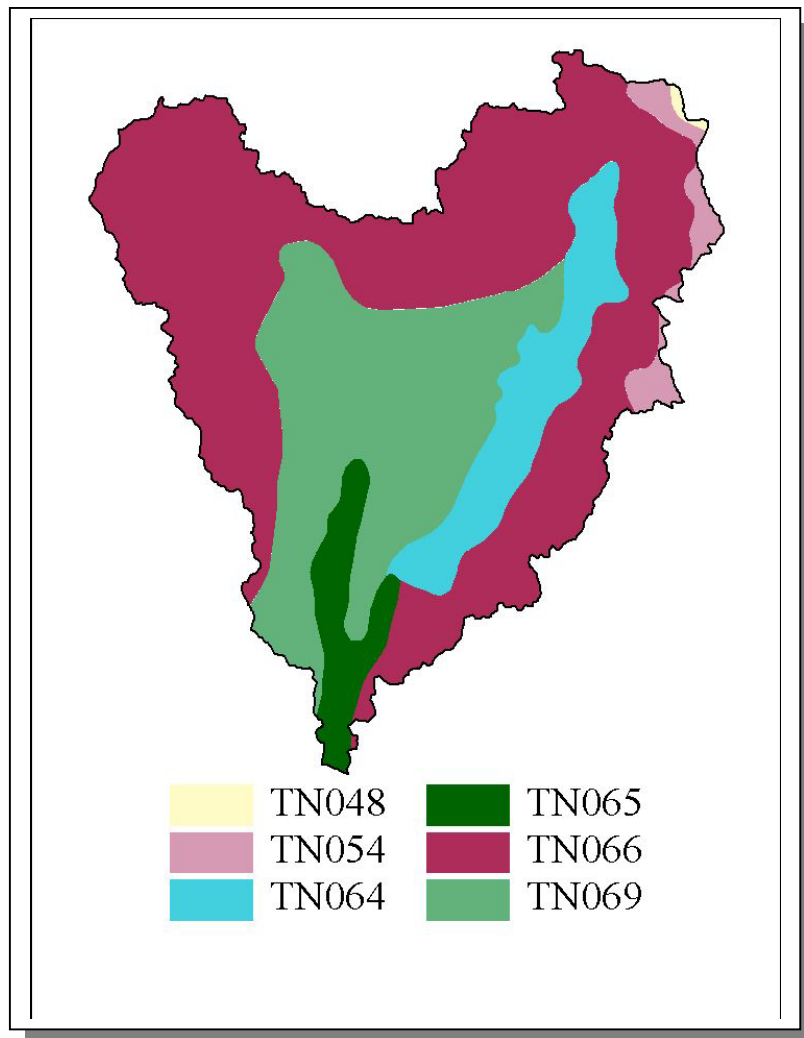


Figure 4-73. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000307.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hr)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN048	8.00	C	1.38	5.06	Silty Loam	0.42
TN054	0.00	C	3.04	4.84	Loam	0.32
TN064	7.00	C	1.19	5.82	Silty Loam	0.37
TN065	0.00	C	1.15	5.52	Loam	0.32
TN066	0.00	B	2.62	4.75	Loam	0.28
TN069	0.00	C	2.06	5.36	Loam	0.34

Table 4-43. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000307. More information is provided in Upper Elk-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		PERCENT CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Bedford	30,411	34,411	0.05	14	16	14.3
Lincoln	28,157	28,157	8.12	2,286	2,382	4.2
Moore	4,721	4,721	40.36	1,905	2,101	10.3
Totals	63,289	63,289		4,205	4,499	7.0

Table 4-44. Population Estimates in Subwatershed 0603000307.

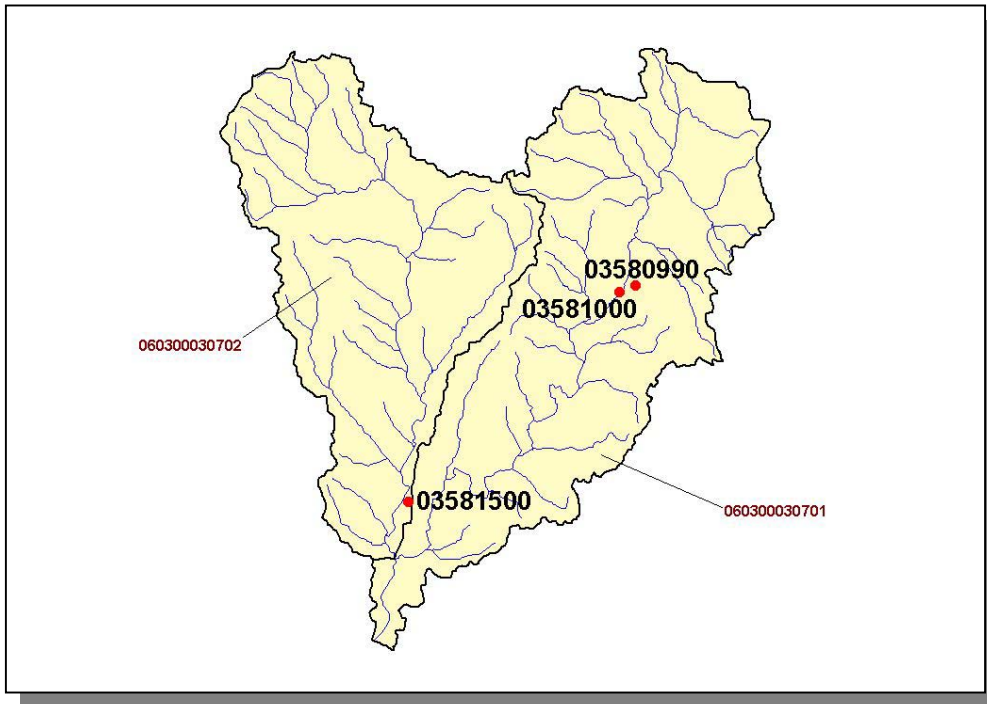


Figure 4-74. Location of Historical Streamflow Data Collection Sites in Subwatershed 0603000307. Subwatershed 060300030701 and 060300030702 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

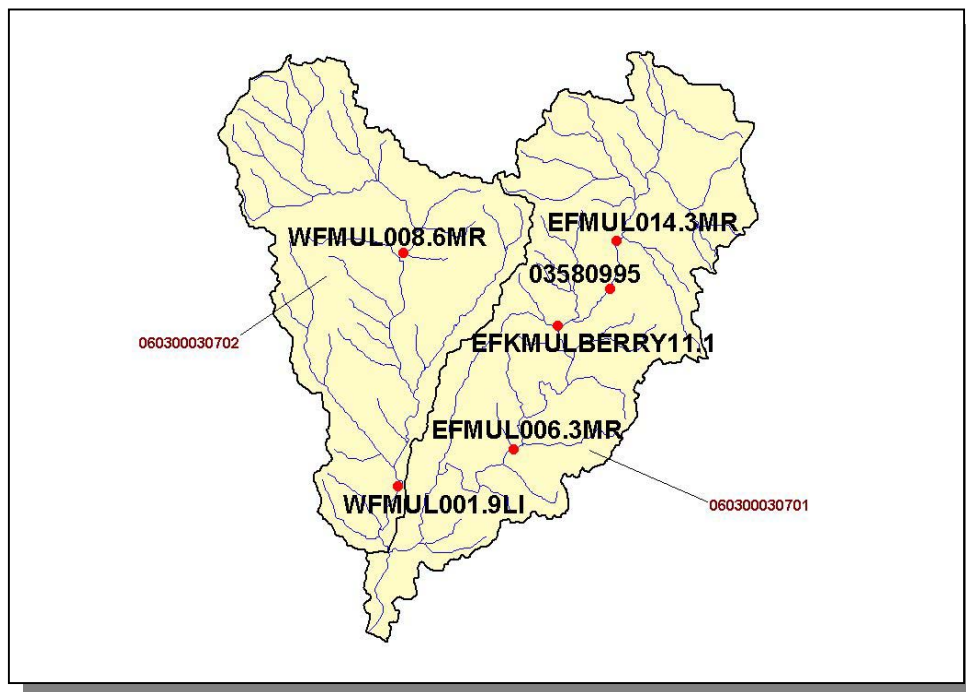


Figure 4-75. Location of STORET Monitoring Sites in Subwatershed 0603000307. Subwatershed 060300030701 and 060300030702 boundaries are shown for reference. More information is provided in Upper Elk-Appendix IV.

4.2.G.ii. Point Source Contributions.

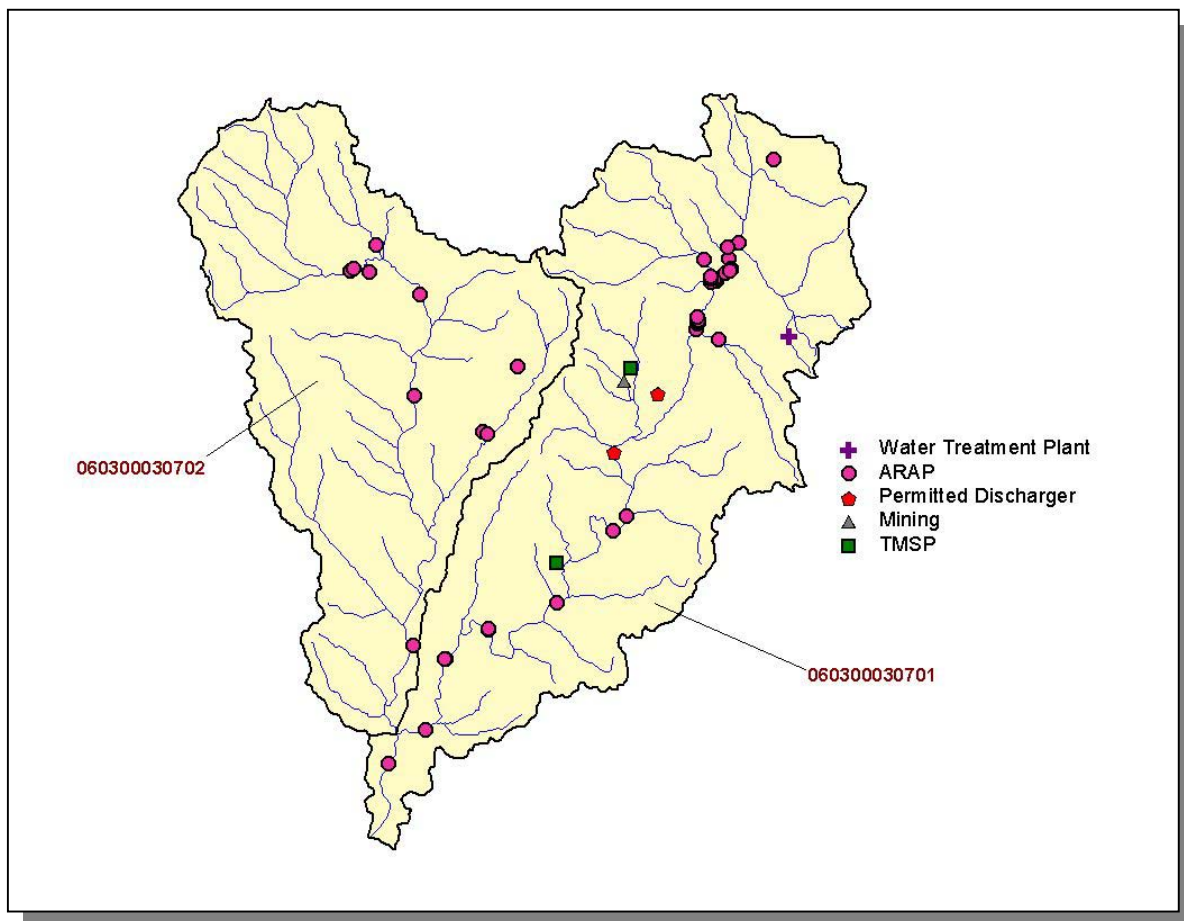


Figure 4-76. Location of Active Point Source Facilities in Subwatershed 0603000307. Subwatershed 060300030701 and 060300030702 boundaries are shown for reference. More information is provided in the following charts.

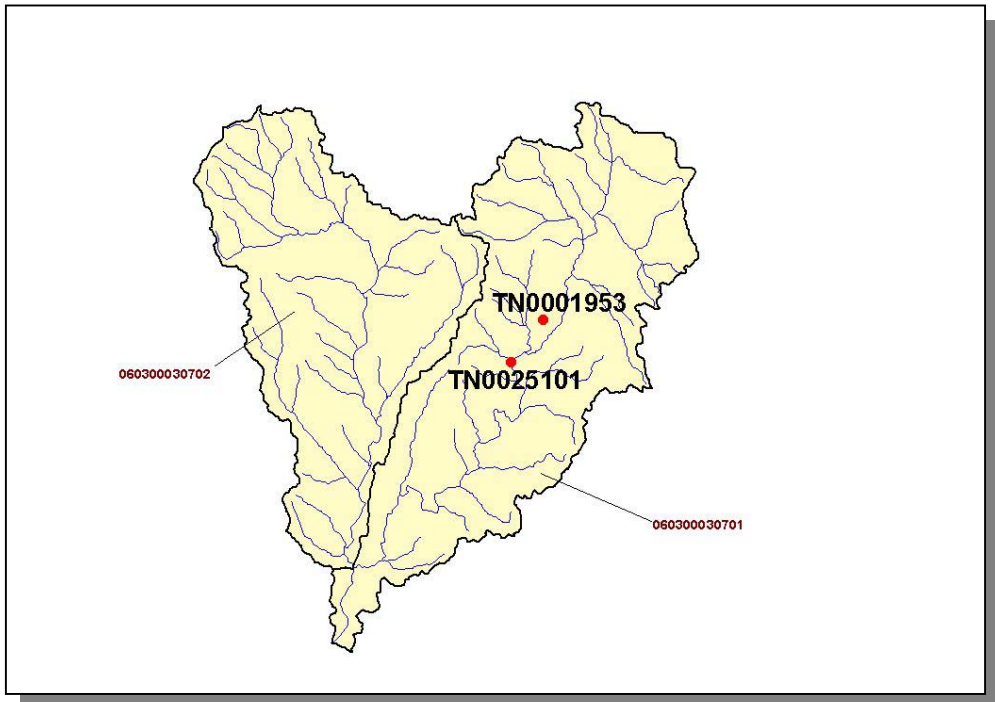


Figure 4-77. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 0603000307. Subwatershed 060300030701 and 060300030702 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.

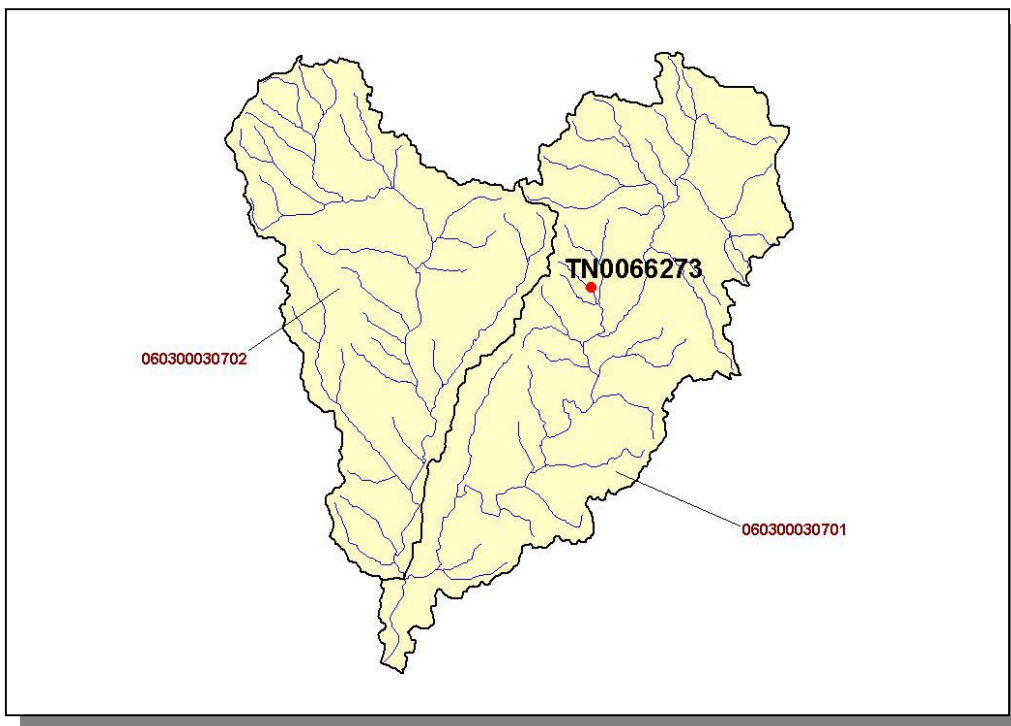


Figure 4-78. Location of Active Mining Sites in Subwatershed 0603000307. Subwatershed 060300030701 and 060300030702 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.

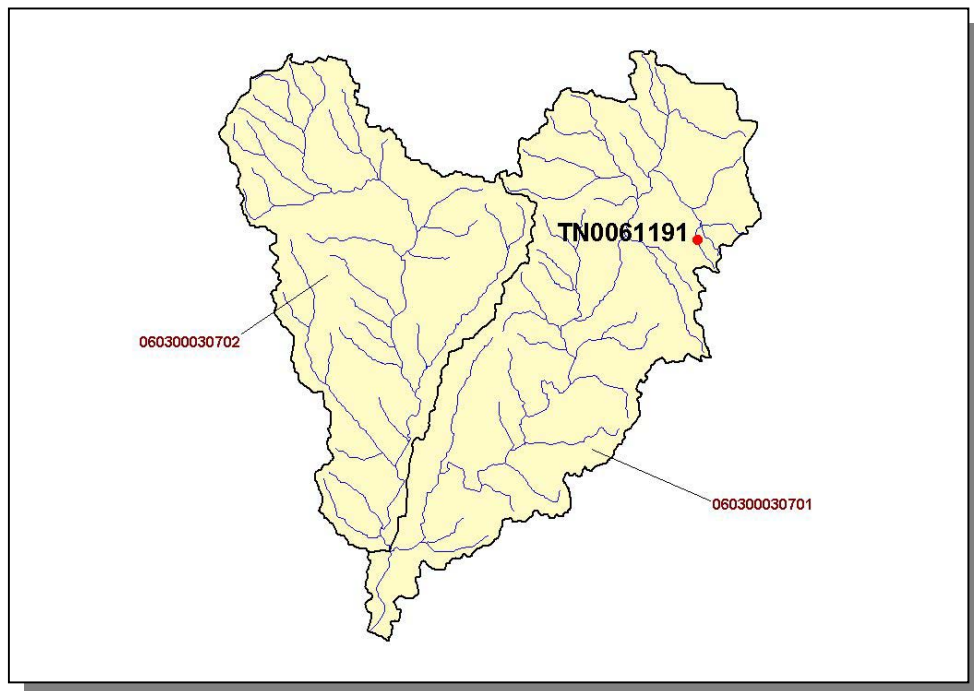


Figure 4-79. Location of Water Treatment Plant Sites in Subwatershed 0603000301. Subwatershed 060300030701 and 060300030702 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV

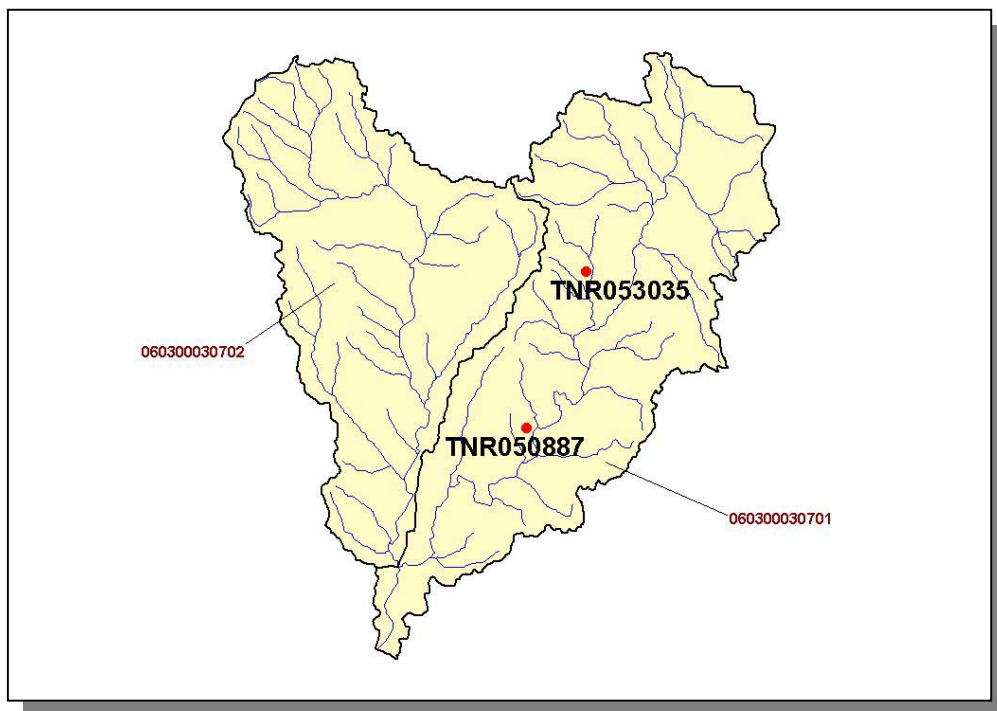


Figure 4-80. Location of TMSP Facilities in Subwatershed 0603000307. Subwatershed 060300030701 and 060300030702 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.

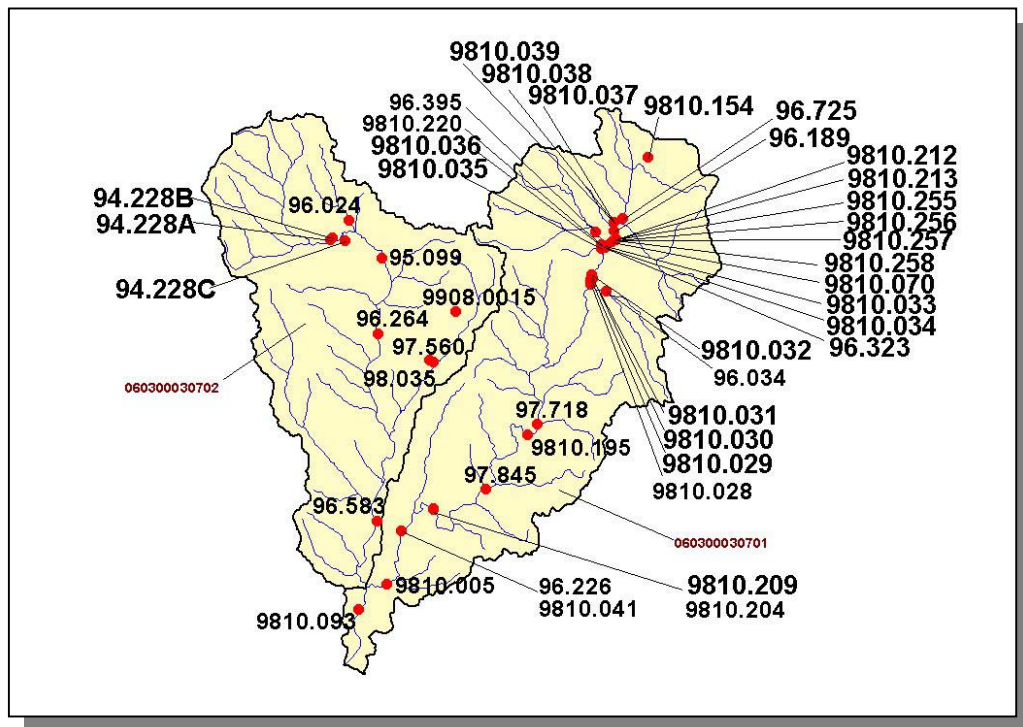


Figure 4-81. Location of ARAP Sites (Individual Permits) in Subwatershed 060300030702. Subwatershed 060300030701 and 060300030702 boundaries are shown for reference. More information, including the names of facilities, is provided in Upper Elk-Appendix IV.

4.2.G.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
6,214	12,556	752	15	1,669,843	311	74

Table 4-45. Summary of Livestock Count Estimates in Subwatershed 0603000307. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Bedford	74.6	74.6	0.5	1.3
Lincoln	136.7	136.7	1.1	3.2
Moore	36.6	36.6	0.0	0.0
Totals	247.9	247.9	1.6	4.5

Table 4-46. Forest Acreage and Average Removal Rates (1987-1994) in Subwatershed 0603000307.

CROPS	TONS/ACRE/YEAR
Grass (Hayland)	0.78
Legume (Hayland)	0.22
Legume/Grass (Hayland)	0.41
Grass (Pastureland)	1.63
Grass, Forbs, Legumes (Mixed Pasture)	1.53
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Corn (Row Crops)	3.89
Soybeans (Row Crops)	7.21
Tobacco (Row Crops)	9.27
Potatoes (Row Crops)	3.05
Wheat (Close Grown Cropland)	3.28
Fruit (Horticultural)	0.09
Other Vegetable and Truck Crop	2.52
Summer Fallow (Other Cropland)	4.60
Other Land in Farms	0.28
Conservation Reserve Program Land	0.30
Farmsteads and Ranch Headquarters	0.27

Table 4-47. Annual Estimated Total Soil Loss in Subwatershed 0603000307.